Approved for use through 07/31/2003. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Attorney Docket No. | 295002005901 UTILITY Irving BOIME First Inventor PATENT APPLICATION **DUAL FUNCTION GLYCOPROTEIN HORMONE** Title **TRANSMITTAL** COMPOSITIONS (Only for new nonprovisional applications under 37 CFR 1.53(b)) EV 329145702 US Express Mail Label No. MS Patent Application **APPLICATION ELEMENTS** Commissioner for Patents ADDRESS TO: P.O. Box 1450 See MPEP chapter 600 concerning utility patent application contents. Alexandria, VA 22313-1450 CD-ROM or CD-R in duplicate, large table or Fee Transmittal Form (e.g., PTO/SB/17) 7. Computer Program (Appendix) Submit an original, and a duplicate for fee processing) Nucleotide and/or Amino Acid Sequence Submission Applicant claims small entity status. 8. (if applicable, all necessary) See 37 CFR 1.27. Computer Readable Form (CRF) 36 Specification [Total Pages Х (preferred arrangement set forth below) b. Specification Sequence Listing on: Descriptive title of the invention
 Cross Reference to Related Applications CD-ROM or CD-R (2 copies); or Paper Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, c. Statements verifying identity of above copies or a computer program listing appendix Background of the Invention **ACCOMPANYING APPLICATIONS PARTS** - Brief Summary of the Invention - Brief Description of the Drawings (if filed) 9. Assignment Papers (cover sheet & document(s)) - Detailed Description Power of 37 CFR 3.73(b) Statement - Claim(s) 10. Attornev - Abstract of the Disclosure (when there is an assignee) English Translation Document (if applicable) Drawing(s) (35 U.S.C. 113) 11. [Total Sheets Copies of IDS Information Disclosure [Total Sheets 12. 5. Oath or Declaration Statement (IDS)/PTO-1449 **Preliminary Amendment** 13. X Newly executed (original or copy) Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed) Return Receipt Postcard (MPEP 503) 14. Х (Should be specifically itemized) Certified Copy of Priority Document(s) 15. **DELETION OF INVENTOR(S)** (if foreign priority is claimed) Signed statement attached deleting Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 16. Applicant must attach form PTO/SB/35 or its equivalent. 17. Other: Application Data Sheet. See 37 CFR 1.76 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76: 09/175,017 Continuation-in-part (CIP) of prior application No.: Divisional Continuation х 1647 L. Spector Prior application information: Examiner For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS Correspondence address below 25225 OR х Customer Number: Name Address Zip Code State Citv Fax Telephone Country 29,959 Registration No. (Attorney/Agent) Kate H. Murashige Name (Print/Type) Date August 21, 2003 Signature I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV 329145702 US, in an envelope addressed to: MS Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below. lami M MA CODE (Tami Procopio) Signature: >

PTO/SB/17 (05-03)
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for FY 2003		Filing First I		d Inven			
Effective 01/01/2003, Patent fees are subject to annual revision.	!	_	iner Na		Not Yet Assigned		
Applicant claims small entity status. See 37 CFR 1.27		Art Ur		211	N/A		
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Deposit Account Morrison & Foerster LLP	1051	130	2051	65	Surcharge – late filing fee or oath		
Name The Director is hereby authorized to: (check all that apply)	1052	2 50	2052	25	Surcharge – late provisional filing fee or cover sheet.		
X Charge fee(s) indicated below X Credit any overpayments	1053	3 130	1053	130	Non-English specification		
Charge any additional fee(s) during the pendency of this	1812	2 2,520	1812		For filing a request for ex parte reexamination		
аррисация	1804	·	1804	920*	Requesting publication of SIR prior to		
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.	1805		1805		Examiner action Requesting publication of SIR after	<del></del>	
FEE CALCULATION	1805		2251	1,840*	Examiner action Extension for reply within first month	<b>——</b>	
1. BASIC FILING FEE	1251		2251		Extension for reply within second month		
Large Entity Small Entity	1253		2253	465	Extension for reply within third month		
Fee Fee Fee Fee Fee Pee Pee Paid Code (\$) Code (\$)	1254	1,450	2254	725	Extension for reply within fourth month		
1001 750 2001 375 Utility filing fee 750.00	1255		2255	985	Extension for reply within fifth month		
1002 330 2002 165 Design filing fee	1401		2401	160	Notice of Appeal	<u> </u>	
1003 520 2003 260 Plant filing fee	1402		2402		Filing a brief in support of an appeal  Request for oral hearing	H	
1004 750 2004 375 Reissde filing fee	1451		1451		Petition to institute a public use proceeding		
SUBTOTAL (1) (\$) 750.00	1452	110	2452	55	Petition to revive – unavoidable		
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2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE  Extra Fee from	1501		2501		Utility issue fee (or reissue)	<b>—</b>	
Claims below Fee Paid	1502 1503		2502	235 315	Design issue fee Plant issue fee	<b></b>	
Independent 1 3** = 0.00	1460		1460	130	Petitions to the Commissioner		
Claims	1807		1807	50	Processing fee under 37 CFR 1.17(q)		
Large Entity Small Entity	1806		1806	180	Submission of Information Disclosure Stmt		
Fee Fee Fee Fee Fee Description	8021		8021	40	Recording each patent assignment per		
Code (\$)   Code (\$)   1202   18   2202   9   Claims in excess of 20	1809		2809	375	property (times number of properties) Filing a submission after final rejection	<b></b>	
1201 84 2201 42 Independent claims in excess of 3					(37 CFR 1.129(a)) For each additional invention to be	<del> </del>	
1203 280 2203 140 Multiple dependent claim, if not paid	1810		2810	375	examined (37CFR 1.129(b))	<u> </u>	
1204 84 2204 42 ** Reissue independent claims over original patent	1801		2801	375	Request for Continued Examination (RCE) Request for expedited examination	<b>  </b>	
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	1802		1802	900	of a design application	<b>  </b>	
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SUBMITTED BY	<u>—</u>			==	Complete (if applicable)		
Name (Print/Type) Kate H. Murashige		tration No		,959	Telephone (858) 720-5112		
V 0 - (1 0 )	(Attorn	ney/Agent)			Date August 21, 2003		
Signature Late H. Menasl	$\Longrightarrow$	ښے			Date   August 21, 2000		
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I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV 329145702 US, in an envelope addressed to: MS Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the							
date shown below.							
Dated: 9 31 03 Signature: Jamu VV MOCOP(Tami Procopio)							